

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northwest				
ROCK ISLAND COUNTY --- MOLINE [41.50, -90.52]				
	07/04/07 03:00 CST		25K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Broadcast Media
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Moline, IL resulting in flash flooding. About 20 to 30 people were rescued from stalled vehicles around 4:30 AM. A police car was also caught in flood waters at South Park Mall. In addition, street flooding forced the closure of the access road to the Cloverleaf Mobile Home Park off of 38th Street.				
ROCK ISLAND COUNTY --- 0.9 NW BLACKHAWK STATE PARK [41.48, -90.58]				
	07/04/07 04:00 CST		25K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Trained Spotter
Three to four inches of rain fell in a short amount of time during the early morning hours of July 4th in Rock Island, IL resulting in flash flooding. Several residences reported flooded basements. Time estimated.				
ROCK ISLAND COUNTY --- 0.5 W CARBON CLIFF [41.50, -90.39]				
	07/04/07 04:39 CST		1K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Trained Spotter
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Carbon Cliff, IL resulting in flash flooding. One to two feet of water covered a portion of N 1st Avenue just northeast of Carbon Cliff around 5:30 AM.				
A line of thunderstorms dropped southward into east central Iowa and northwest Illinois during the late evening of July 3rd and early morning hours of July 4th. The storms produced torrential rains with rainfall rates over 1 inch per hour. The heaviest rains of 2 to 6 inches fell along the highway 61 corridor from the Quad Cities to Dubuque. Many locations experienced flash flooding, with roads flooded with water several feet deep. The flooding also prompted the closure of some roads. Several cars stalled out in flooded streets and some water rescues were performed. Small streams and creeks rose quickly, overflowing their banks. Many residences also experienced basement flooding.				
CARROLL COUNTY --- 3.5 N MT CARROLL [42.15, -89.98]				
	07/09/07 18:32 CST		0.50K	Flash Flood (due to Heavy Rain)
	07/09/07 19:00 CST		0	Source: Law Enforcement
A gravel and dirt road washed onto route 78 near Blue Mountain Road.				
A cold front stalled across eastern Iowa and northwest Illinois during the morning hours of July 9th. The front then acted as the focal point for shower and thunderstorm development through much of the day. Torrential rains, hail up to the size of a quarter, and damaging winds were common across areas mainly over southeast and east central Iowa and northwest and west central Illinois.				
ROCK ISLAND COUNTY --- 1.0 E (MLI) QUAD CITY ARPT [41.45, -90.50]				
	07/10/07 14:11 CST		0	Thunderstorm Wind (MG 57 kt)
	07/10/07 14:11 CST		0	Source: ASOS
HANCOCK COUNTY --- AUGUSTA [40.23, -90.95]				
	07/10/07 15:11 CST		0	Thunderstorm Wind (EG 65 kt)
	07/10/07 15:11 CST		0	Source: Trained Spotter
Two large trees, 5 feet in diameter, were blown down. Additional tree damage was also noted in the area.				
A strong cold front pushed into southeast Iowa and northwest and west central Illinois during the afternoon of July 10th sparking a line of showers and thunderstorms. Two of the thunderstorms surpassed severe thresholds creating wind gusts between 65 and 75 mph. One gust was recorded at the Quad City Airport in Moline, IL and the other gust downed some trees in Augusta, IL.				
JO DAVIESS COUNTY --- 0.9 SW WARREN [42.49, -89.99]				
	07/18/07 18:03 CST		25K	Thunderstorm Wind (EG 61 kt)
	07/18/07 18:03 CST	1	0	Source: Law Enforcement
Winds estimated to be 70 mph blew down trees and power lines. Several trees fell onto some houses. One person was transported to a hospital with a minor injury and later released. Power and phone service was knocked out to about half of the town.				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JO DAVIESS COUNTY --- 1.4 S WARREN [42.48, -89.98]				
	07/18/07 18:45 CST		0	Flash Flood (due to Heavy Rain)
	07/18/07 19:45 CST		0	Source: Law Enforcement
Flood waters covered Winslow Rd just southeast of Warren, IL.				
CARROLL COUNTY --- 1.7 SW SAVANNA STRANSKY ARP [42.03, -90.14]				
	07/18/07 19:40 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 19:40 CST		0	Source: Amateur Radio
Winds estimated to be 65 mph blew down a tree onto Route 84 between Thomson and Savanna.				
CARROLL COUNTY --- 0.7 S THOMSON [41.96, -90.10]				
	07/18/07 19:51 CST		0	Thunderstorm Wind (EG 61 kt)
	07/18/07 19:51 CST		0	Source: Law Enforcement
Winds estimated to be 70 mph blew down several trees onto Route 84 just south of Thomson.				
CARROLL COUNTY --- 0.9 NE SAVANNA [42.09, -90.14]				
	07/18/07 20:05 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 20:05 CST		0	Source: Law Enforcement
Winds estimated to be 65 mph blew down several trees onto Chicago Ave.				
CARROLL COUNTY --- MT CARROLL [42.10, -89.98]				
	07/18/07 20:05 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/18/07 20:05 CST		0	Source: Law Enforcement
Winds estimated to be 65 mph blew down several trees onto Cory Rd. Some fuse boxes were damaged.				
CARROLL COUNTY --- MT CARROLL [42.10, -89.98]				
	07/18/07 21:15 CST		0	Flash Flood (due to Heavy Rain)
	07/18/07 22:15 CST		0	Source: Amateur Radio
Flood waters covered portions of Mill St near the city garage.				
Heavy rain-producing showers and thunderstorms moved across eastern Iowa and northwest Illinois during the evening and overnight hours of July 18th. An isolated storm downed some trees in Warren, IL around 7 PM. Later, a bowing segment of thunderstorms pushed into Carroll County resulting in more wide-spread wind damage. Rainfall totals ranged between three quarters of an inch to just under 3 inches, but due to saturated soils some flooding problems developed.				
HENRY COUNTY --- 0.7 N KEWANEE [41.24, -89.93]				
	07/17/07 06:00 CST		2K	Thunderstorm Wind (EG 61 kt)
	07/17/07 06:00 CST		0	Source: Trained Spotter
Winds estimated to be 70 mph downed a tree 1.5 to 2 feet in diameter. Several limbs 6 to 8 inches in diameter were also blown down as well as some power and phone lines.				
A bowing thunderstorm complex dove southeast from northeast Iowa to central Illinois during the morning hours of July 17th producing damaging winds in Kewanee, IL around 7 AM. Torrential rains also accompanied the storms.				

IOWA, East Central and Southeast

CLINTON COUNTY --- 1.7 WNW CLINTON [41.84, -90.23]				
	07/03/07 23:21 CST		50K	Flash Flood (due to Heavy Rain)
	07/04/07 17:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Clinton, IA resulting in flash flooding. A water rescue was performed on the 1200 block of S 2nd Street of a vehicle stalled in flood waters. Several other vehicles were stalled in water 1 to 2 feet deep in streets, or about halfway up the doors of cars. On the 1400 block of S 15th Street, the water was 4 feet deep in places.				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LINN COUNTY --- 2.5 SW WAUBEEK [42.15, -91.53]				
	07/04/07 00:00 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/04/07 00:00 CST		5K	Source: Public
Winds estimated to be 65 mph blew over a barn and a small metal silo and snapped off some trees near the intersection of Jordon's Grove Rd and Bowdish Rd. Some crop damage also occurred in the area. Time estimated.				
JACKSON COUNTY --- 0.5 E MAQUOKETA [42.07, -90.67]				
	07/04/07 00:05 CST		25K	Flash Flood (due to Heavy Rain)
	07/04/07 04:00 CST		0	Source: Trained Spotter
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Maquoketa, IA resulting in flash flooding. After receiving over 2 inches of rain in an hour, streets began to flood in Maquoketa around 1 AM. An additional 2 to 4 inches of rain had fallen by 3 AM. Flood waters 3 feet deep forced the closure of Highway 64 on the east side of town. The water was over the hoods of police squad cars. Several streets were flooded and or closed throughout the town including the intersections of South Fifth and Washington streets, Eddy and South Vermont streets, and 200th Avenue and Family Dollar parkway. A car was stalled in flood waters near the Eagle's Club. Prairie Creek overflowed its banks prompting the evacuation of campers in the Horseshoe Pond Park. A bridge was washed out at Lakehurst Dam near Maquoketa. A campground just south of Maquoketa also flooded rapidly forcing camping trailers to higher ground. In addition, the Maquoketa Caves State Park also had flooding, which damaged the lighting system in the park as well as washed debris into some caves prompting the closure of parts of the park for several days. Law enforcement, cooperative observers, and media sources also contributed to this report.				
CLINTON COUNTY --- 0.9 SE CHARLOTTE [41.96, -90.47]				
	07/04/07 00:50 CST		0.15M	Flash Flood (due to Heavy Rain)
	07/04/07 17:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Charlotte, IA resulting in flash flooding. Deep Creek flowed out of its banks just before 2 AM prompting the fire department to start sand-bagging residences. By 3:30 AM, Honey Creek was out of its banks, which resulted in the closure of Highway 136 in Charlotte. By 5:30 AM, fourteen residences were flooded and home evacuations were being conducted. The flood waters finally receded by evening.				
SCOTT COUNTY --- 0.5 E PLEASANT VLY [41.57, -90.42]				
	07/04/07 03:26 CST		1K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Pleasant Valley, IA resulting in flash flooding. At Valley Drive and 249th Street, Spencer Creek flowed out of its banks and over a bridge and the roadway.				
SCOTT COUNTY --- 0.9 NW PANORAMA PARK [41.56, -90.48]				
	07/04/07 03:26 CST		1K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Bettendorf, IA resulting in flash flooding. State Street was flooded just east of Duck Creek in Bettendorf just before 4:30 AM.				
SCOTT COUNTY --- 4.1 W LE CLAIRE [41.60, -90.36]				
	07/04/07 03:26 CST		1K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Le Claire, IA resulting in flash flooding. Silver Creek flooded out of its banks just before 4:30 AM and was flowing over Highway 67 near Cody Rd.				
SCOTT COUNTY --- 2.3 NNW DAVENPORT [41.56, -90.60]				
	07/04/07 03:40 CST		25K	Flash Flood (due to Heavy Rain)
	07/04/07 08:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th in Davenport, IA resulting in flash flooding. Around 4:30 am, Duck Creek flowed out of its banks at 29th Street and Eastern, Division Street and 32nd Street, and 35th Street and Harrison Street. Street flooding also occurred at the intersection of Locust Street and Scott Street prompting the closure of the intersection. By 6:30 AM, the Duck Creek at Kimberly Rd creek gage was reading just under 13.3 feet, which is about 1.3 feet over the flood stage at that location. Some homes along Duck Creek also reported flooded basements. Later that morning, a man and his son were rescued from Duck Creek after their canoe overturned in the high, rushing waters.				
CLINTON COUNTY --- 2.1 S DEWITT [41.79, -90.55]				

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	07/04/07 04:30 CST		1K	Flash Flood (due to Heavy Rain)
	07/04/07 06:00 CST		0	Source: Law Enforcement
Three to six inches of rain fell in a short amount of time during the early morning hours of July 4th just south of De Witt, IA resulting in flash flooding. Flood waters 1 foot deep were observed flowing over Old Highway 61 south of town. Considerable standing water was still observed in De Witt around mid-morning.				
A line of thunderstorms dropped southward into east central Iowa and northwest Illinois during the late evening of July 3rd and early morning hours of July 4th. The storms produced torrential rains with rainfall rates over 1 inch per hour. The heaviest rains of 2 to 6 inches fell along the highway 61 corridor from the Quad Cities to Dubuque. Many locations experienced flash flooding, with roads flooded with water several feet deep. The flooding also prompted the closure of some roads. Several cars stalled out in flooded streets and some water rescues were performed. Small streams and creeks rose quickly, overflowing their banks. Many residences also experienced basement flooding.				
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LEE COUNTY --- WEVER [40.72, -91.23]	07/09/07 13:37 CST		0	Hail (0.88 in)
	07/09/07 13:37 CST		0	Source: Trained Spotter
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DES MOINES COUNTY --- 1.5 SSE LENOX PARK [40.81, -91.12]	07/09/07 13:54 CST		0	Hail (0.75 in)
	07/09/07 13:54 CST		0	Source: Trained Spotter
Hail 3/4 inch in diameter fell 3 miles off of Highway 61 on Hunt Rd.				
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LEE COUNTY --- 2.5 ENE NEW BOSTON [40.59, -91.46]	07/09/07 14:08 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/07 14:08 CST		0	Source: Trained Spotter
Several tree branches were blown down.				
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HENRY COUNTY --- 2.0 SE ROME [40.96, -91.64]	07/09/07 16:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/07 16:30 CST		5K	Source: Trained Spotter
Swaths of corn were flattened between the Skunk River and Highway 34 west of Westwood, IA. Time estimated.				
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SCOTT COUNTY --- 4.1 W LE CLAIRE [41.60, -90.36]	07/09/07 16:43 CST		0	Hail (0.75 in)
	07/09/07 16:43 CST		0	Source: Trained Spotter
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HENRY COUNTY --- 0.7 S MT PLEASANT [40.96, -91.55]	07/09/07 16:50 CST		15K	Flash Flood (due to Heavy Rain)
	07/09/07 18:30 CST		0	Source: Law Enforcement
One to three inches of rain fell in a short amount of time during the late afternoon hours of July 9th in Mount Pleasant, IA. Several cars stalled out in the deep flood waters.				
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CLINTON COUNTY --- 0.7 S DEWITT [41.81, -90.55]	07/09/07 17:29 CST		0	Hail (1.00 in)
	07/09/07 17:29 CST		0	Source: NWS Employee
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SCOTT COUNTY --- 1.7 WNW DIXON [41.76, -90.81]	07/09/07 18:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/09/07 18:00 CST		0	Source: Trained Spotter
A corn field was flattened and some small branches were blown down.				
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CLINTON COUNTY --- DEWITT [41.82, -90.55]	07/09/07 18:45 CST		0	Flash Flood (due to Heavy Rain)
	07/09/07 19:45 CST		0	Source: NWS Employee

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
One to three inches of rain fell in a short amount of time during the early evening hours of July 9th in De Witt, IA resulting in some flash flooding. Flood waters over 6 inches deep were observed on residential roads and in widespread low-lying areas.				
SCOTT COUNTY --- 2.3 NNW DAVENPORT [41.56, -90.60]				
	07/09/07 19:18 CST		0	Flash Flood (due to Heavy Rain)
	07/09/07 21:00 CST		0	Source: Trained Spotter
One to three inches of rain fell in a short amount of time during the early evening hours of July 9th in Davenport, IA resulting in flash flooding. On the 2300 block of N Fairmount Street, flood waters covered car tires.				
LINN COUNTY --- CEDAR RAPIDS [42.00, -91.65]				
	07/09/07 20:40 CST		5K	Thunderstorm Wind (EG 65 kt)
	07/09/07 20:40 CST		0	Source: Newspaper
A thunderstorm wind gust estimated to be 75 mph toppled a 4 foot diameter tree on 26th Street Drive SE in Cedar Rapids, IA around 9:40 PM on July 9th. A second tree, about 18 inches in diameter and 60 feet tall, located near F Avenue NE and Estroy Drive NE snapped off about 15 feet above the ground. In addition, a tree branch fell on a car parked on 24th Street NE causing minor damage. Additional tree damage occurred from Cottage Grove Avenue SE to the Cedar Rapids Country Club and just west of First Avenue SE between 20th Street NE and 27th Street NE.				
A cold front stalled across eastern Iowa and northwest Illinois during the morning hours of July 9th. The front then acted as the focal point for shower and thunderstorm development through much of the day. Torrential rains, hail up to the size of a quarter, and damaging winds were common across areas mainly over southeast and east central Iowa and northwest and west central Illinois.				
JOHNSON COUNTY --- 1.2 SE OAKDALE [41.69, -91.60]				
	07/16/07 15:30 CST		0	Hail (1.75 in)
	07/16/07 15:30 CST		0	Source: Emergency Manager
Hail fell at Coral Ridge Mall.				
JOHNSON COUNTY --- 0.7 S SWISHER [41.84, -91.70]				
	07/16/07 15:33 CST		0	Hail (1.00 in)
	07/16/07 15:33 CST		0	Source: Trained Spotter
JOHNSON COUNTY --- 0.5 E SWISHER [41.85, -91.69]				
	07/16/07 15:39 CST		0	Hail (0.75 in)
	07/16/07 15:39 CST		0	Source: Trained Spotter
LINN COUNTY --- 3.5 S CEDAR RAPIDS [41.95, -91.65]				
	07/16/07 16:11 CST		0	Hail (1.00 in)
	07/16/07 16:11 CST		0	Source: Trained Spotter
WASHINGTON COUNTY --- 1.6 E RIVERSIDE [41.48, -91.57]				
	07/16/07 16:11 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 16:11 CST		0	Source: Trained Spotter
Several tree limbs, some 1 foot in diameter, were blown down in town.				
JOHNSON COUNTY --- 0.7 S OAKDALE [41.69, -91.62]				
	07/16/07 16:19 CST		0	Flash Flood (due to Heavy Rain)
	07/16/07 17:00 CST		0	Source: Trained Spotter
Flood waters in the median of Highway 218 is encroaching onto the highway.				
WASHINGTON COUNTY --- 1.3 ENE KALONA [41.49, -91.70]				
	07/16/07 16:39 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/07 16:39 CST		0	Source: Trained Spotter
Some branches were blown down. Water was also ponding on some city streets.				
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				
	07/16/07 16:49 CST		0	Hail (0.88 in)
	07/16/07 16:49 CST		0	Source: Amateur Radio

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WASHINGTON COUNTY --- 2.6 NE WASHINGTON [41.33, -91.67]				
	07/16/07 16:49 CST		0.10M	Tornado (EF1, L: 0.50 mi , W: 100 yd)
	07/16/07 16:49 CST		0	Source: NWS Storm Survey
A tornado touched down on the east side of town. It moved south and lifted approximately one half mile south of town.				
A car dealership and nearby storage garage were damaged in Washington. A car and small pickup truck were reported to be briefly lifted and dropped. Numerous tree limbs and branches were down throughout town.				
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				
	07/16/07 16:50 CST		0	Hail (1.75 in)
	07/16/07 16:50 CST		0	Source: Trained Spotter
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				
	07/16/07 16:53 CST		0	Thunderstorm Wind (MG 53 kt)
	07/16/07 16:53 CST		0	Source: AWOS
WASHINGTON COUNTY --- 0.7 S BRIGHTON [41.17, -91.82]				
	07/16/07 16:55 CST		0	Hail (1.75 in)
	07/16/07 16:55 CST		0	Source: Trained Spotter
Golf ball size hail and larger fell in town.				
WASHINGTON COUNTY --- 5.5 SSE RICHMOND [41.38, -91.65]				
	07/16/07 16:56 CST		0	Hail (0.88 in)
	07/16/07 16:56 CST		0	Source: Broadcast Media
Time estimated.				
WASHINGTON COUNTY --- 5.5 SSE RICHMOND [41.38, -91.65]				
	07/16/07 16:56 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 16:56 CST		0	Source: Broadcast Media
A tree was damaged in town.				
WASHINGTON COUNTY --- 1.3 ENE KALONA [41.49, -91.70]				
	07/16/07 16:57 CST		25K	Thunderstorm Wind (EG 65 kt)
	07/16/07 16:57 CST		0	Source: Broadcast Media
A corn field was flattened near town and some farm buildings were damaged near Highway 22 and Highway 1.				
WASHINGTON COUNTY --- 3.3 NE WASHINGTON ARPT [41.30, -91.63]				
	07/16/07 17:00 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 17:00 CST		0	Source: Trained Spotter
Some corn fields were flattened just east of Washington. Time estimated.				
WASHINGTON COUNTY --- 2.2 WNW RIVERSIDE [41.49, -91.64]				
	07/16/07 17:06 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 17:06 CST		0	Source: Trained Spotter
Several corn fields between Kalona and Riverside were damaged.				
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				
	07/16/07 17:09 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 17:09 CST		0	Source: Trained Spotter
The power was knocked out in town. Ditches are full with runoff.				
WASHINGTON COUNTY --- 0.5 E WASHINGTON [41.30, -91.69]				

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	07/16/07 17:43 CST		0	Flash Flood (due to Heavy Rain)
	07/16/07 19:00 CST		0	Source: Trained Spotter
Streets in Washington, IA are flooded.				
JEFFERSON COUNTY --- PERLEE [41.08, -91.92]				
	07/16/07 17:44 CST		0	Hail (1.00 in)
	07/16/07 17:44 CST		0	Source: Trained Spotter
Penny to quarter size hail fell at the intersection of Pleasant Plain Rd and Olive Avenue near Perlee, IA, or about 6 miles ENE of Fairfield, IA.				
VAN BUREN COUNTY --- 0.9 SW STOCKPORT [40.86, -91.83]				
	07/16/07 18:35 CST		0	Hail (1.00 in)
	07/16/07 18:35 CST		0	Source: Law Enforcement
JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]				
	07/16/07 18:45 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 18:45 CST		0	Source: Law Enforcement
A power pole was blown down on the south side of town along Highway 1.				
VAN BUREN COUNTY --- 3.8 SSW STOCKPORT [40.82, -91.85]				
	07/16/07 18:52 CST		0	Hail (0.75 in)
	07/16/07 18:52 CST		0	Source: Trained Spotter
JEFFERSON COUNTY --- 0.9 NE FAIRFIELD [41.01, -91.97]				
	07/16/07 18:55 CST		0	Thunderstorm Wind (EG 70 kt)
	07/16/07 18:55 CST		0	Source: Law Enforcement
Some trees were blown down along Highway 1 on the south side of town.				
LINN COUNTY --- 2.9 WSW CEDAR RAPIDS [41.98, -91.70]				
	07/16/07 19:03 CST		0	Hail (0.88 in)
	07/16/07 19:03 CST		0	Source: Trained Spotter
Penny to nickel size hail fell horizontally.				
LINN COUNTY --- 2.3 SSW CEDAR RAPIDS [41.97, -91.67]				
	07/16/07 19:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 19:05 CST		0	Source: Trained Spotter
LINN COUNTY --- 2.9 WSW CEDAR RAPIDS [41.98, -91.70]				
	07/16/07 19:05 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 19:05 CST		0	Source: Trained Spotter
A wind gust, estimated at 70 mph, downed some limbs 1 to 3 inches in diameter.				
LINN COUNTY --- 2.1 SSW MARION MC BRIDE ARPT [42.04, -91.64]				
	07/16/07 19:15 CST		0	Hail (1.00 in)
	07/16/07 19:20 CST		0	Source: Trained Spotter
Pea to quarter size hail fell for about 5 minutes.				
LINN COUNTY --- 3.5 S CEDAR RAPIDS [41.95, -91.66]				
	07/16/07 19:15 CST		0	Hail (1.00 in)
	07/16/07 19:20 CST		0	Source: Trained Spotter
Pea to quarter size hail fell for about 5 minutes.				
LINN COUNTY --- 2.9 WSW CEDAR RAPIDS [41.98, -91.70]				

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	07/16/07 19:19 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 19:19 CST		0	Source: Trained Spotter
Some branches were blown down and the power was knocked out.				
LINN COUNTY --- 2.6 SE COVINGTON [41.97, -91.74]				
	07/16/07 19:20 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/07 19:20 CST		0	Source: Trained Spotter
Several tree limbs 1 to 4 inches in diameter blown down. The power was also out.				
LINN COUNTY --- 3.5 S CEDAR RAPIDS [41.95, -91.66]				
	07/16/07 19:23 CST		0	Hail (1.00 in)
	07/16/07 19:23 CST		0	Source: Trained Spotter
Pea to quarter size hail fell.				
VAN BUREN COUNTY --- 0.5 W KEOSAUQUA [40.73, -91.96]				
	07/16/07 19:35 CST		0	Hail (1.00 in)
	07/16/07 19:35 CST		0	Source: Trained Spotter
VAN BUREN COUNTY --- 0.7 S MT ZION [40.77, -91.92]				
	07/16/07 19:35 CST		0	Hail (1.00 in)
	07/16/07 19:35 CST		0	Source: Trained Spotter
Nickel to quarter size hail fell.				
BUCHANAN COUNTY --- 1.0 W JESUP [42.48, -92.07]				
	07/16/07 19:55 CST		0	Thunderstorm Wind (EG 56 kt)
	07/16/07 19:55 CST		0	Source: Trained Spotter
LINN COUNTY --- 1.5 NNW MARION [42.05, -91.61]				
	07/16/07 20:36 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 20:36 CST		0	Source: Trained Spotter
The wind gradually increased knocking the power out on North 10th Street near Linn-Marr School.				
LINN COUNTY --- 0.5 E MARION [42.03, -91.59]				
	07/16/07 20:38 CST		0	Thunderstorm Wind (EG 52 kt)
	07/16/07 20:38 CST		0	Source: Amateur Radio
The power was knocked out along Blairs Ferry Road.				
LINN COUNTY --- 1.5 NNW MARION [42.05, -91.61]				
	07/16/07 20:40 CST		0	Thunderstorm Wind (EG 61 kt)
	07/16/07 20:40 CST		0	Source: Trained Spotter
Tree limbs 8 to 9 inches in diameter were blown down.				
LINN COUNTY --- 2.3 SSW CEDAR RAPIDS [41.97, -91.67]				
	07/16/07 20:45 CST		1K	Flash Flood (due to Heavy Rain)
	07/16/07 22:00 CST		0	Source: Amateur Radio
A torrential downpour caused Blairs Ferry Rd and Council Rd to flood. A car stalled in the flood waters.				
BENTON COUNTY --- 2.3 NNE IRVING [41.96, -92.30]				
	07/16/07 21:18 CST		0	Thunderstorm Wind (MG 66 kt)
	07/16/07 21:18 CST		0	Source: Department of Highways
The RWIS site at Highways 30 and 21 measured a wind gust of 76 mph.				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
JOHNSON COUNTY --- 1.2 NE OAKDALE [41.71, -91.60]				
	07/16/07 21:41 CST		0	Flash Flood (due to Heavy Rain)
	07/16/07 22:30 CST		0	Source: Trained Spotter
Flood waters cover streets from curb to curb.				
SCOTT COUNTY --- 2.3 NNE DAVENPORT [41.56, -90.56]				
	07/16/07 22:47 CST		0	Heavy Rain
	07/17/07 00:00 CST		0	Source: Trained Spotter
The intersection of E 37th Street and Bridge Avenue is flooded.				
BUCHANAN COUNTY --- 0.9 SE STANLEY [42.64, -91.81]				
	07/17/07 03:19 CST		0	Thunderstorm Wind (EG 61 kt)
	07/17/07 03:19 CST		0	Source: Trained Spotter
Winds estimated to be at least 70 mph blew several trees at least partially down.				
BENTON COUNTY --- 0.7 S SHELLSBURG [42.09, -91.87]				
	07/17/07 04:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/17/07 04:00 CST		5K	Source: Law Enforcement
Winds estimated to be 60 mph blew down some corn fields. Time estimated.				
LINN COUNTY --- 4.4 SSW FAIRFAX [41.86, -91.81]				
	07/17/07 04:00 CST		0	Thunderstorm Wind (EG 56 kt)
	07/17/07 04:00 CST		5K	Source: COOP Observer
Wind estimated to be 65 mph flattened some corn fields. Time estimated.				
DELAWARE COUNTY --- 0.5 W MASONVILLE [42.48, -91.59]				
	07/17/07 04:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/17/07 04:15 CST		0	Source: Emergency Manager
Wind estimated to be 60 mph flattened some corn fields. Time estimated.				
JOHNSON COUNTY --- 4.0 NW SOLON [41.84, -91.55]				
	07/17/07 07:00 CST		0	Flash Flood (due to Heavy Rain)
	07/17/07 11:00 CST		0	Source: Law Enforcement
Water flowed over 140th Street near Hoosier Creek about one half mile west of Ely Rd.				
A cluster of storms developed during the mid-afternoon hours of July 16th near Cedar Rapids. It moved southward producing torrential rains, large hail, and damaging winds. Just before 6 PM, a tornado touched down on the east side of Washington, IA. Additional severe storms developed northwest of the Cedar Rapids area during the early evening hours, which were quickly followed by a thunderstorm complex which produced damaging winds and large hail. The severe weather activity died down between 11 PM and 4 AM. Between 4 and 8 AM, yet another thunderstorm complex dove southeast from northeast Iowa to central Illinois producing damaging winds and flooding rains. Rainfall totals throughout the 18 hour period ranged between 1 and 4 inches.				
JONES COUNTY --- 0.9 NE MONTICELLO [42.24, -91.19]				
	07/17/07 10:44 CST		0	Hail (0.75 in)
	07/17/07 10:44 CST		0	Source: Trained Spotter
CEDAR COUNTY --- 5.0 SSE LOWDEN [41.78, -90.89]				
	07/17/07 12:10 CST		0	Thunderstorm Wind (EG 65 kt)
	07/17/07 12:10 CST		5K	Source: Public
Thunderstorm winds estimated to be 75 mph blew down a 100 year old Cottonwood tree along with some other trees and also damaged some corn fields. Report relayed by co-op observer. Time estimated.				
DUBUQUE COUNTY --- 1.7 WNW WHITE PINE HOLLOW SP [42.64, -91.15]				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/07 13:15 CST		0	Hail (0.75 in)
	07/17/07 13:15 CST		0	Source: Public

The public reported hail about three quarters of an inch in diameter near White Pine Hollow State Park. Time estimated.

DELAWARE COUNTY --- RYAN [42.35, -91.48]

07/17/07 15:44 CST	0	Hail (1.00 in)
07/17/07 15:44 CST	0	Source: Fire Department/Rescue

Hail up to the size of a quarter fell in a small area near Ryan, IA.

Showers and thunderstorms moved southeast across northeast and east central Iowa and parts of northwest Illinois during the late morning and afternoon hours of July 17th. A few of the storms produced hail between three quarters of an inch and an inch.

DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69]

07/17/07 23:38 CST	0	Thunderstorm Wind (EG 61 kt)
07/17/07 23:38 CST	0	Source: Law Enforcement

Winds estimated to be 70 mph blew down some trees in the vicinity of 52nd Street North(Route 52) and Clay Hill Rd.

DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69]

07/17/07 23:41 CST	0	Thunderstorm Wind (EG 61 kt)
07/17/07 23:41 CST	0	Source: Law Enforcement

Winds estimated to be 70 mph blew down some trees in the vicinity of Hales Mill Rd. and Derby Grange Rd.

DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69]

07/17/07 23:45 CST	0	Thunderstorm Wind (EG 61 kt)
07/17/07 23:45 CST	0	Source: Law Enforcement

Winds estimated to be 70 mph blew down some trees on N Grandview Ave near Bunker Hill Golf Course.

DUBUQUE COUNTY --- 0.5 E CENTER GROVE [42.50, -90.69]

07/18/07 00:21 CST	0.50M	Flash Flood (due to Heavy Rain)
07/18/07 08:00 CST	0	Source: Law Enforcement

Rainfall totals of 2 to 6 inches over a 7 hour period resulted in numerous flooded roads, creeks, streams, and rivers throughout Dubuque County. The following locations reported flooding during this event: Rupp Hollow Rd, W Locust St and 22nd St, 17th St and Locust St, all along Locust St, Downtown Dubuque, Highway 52 on the north side of town, Highway 52 and Clayhill Rd, 22nd St and White St, many roads north of Highway 20, English Mill Rd and N Cascade Rd, Paradise Valley Rd and Highway 52, and several areas along Highway 52 from Sageville, IA to Holy Cross, IA. It was also reported that portions of the Maquoketa River was well out of its banks and the river level was rising rapidly.

Showers and thunderstorms moved repeatedly over parts of northeast Iowa and northwest Illinois between 12 and 7 AM on the morning of July 18th dumping 2 to 6 inches of rain on the area resulting in flash flooding. Some of the first storms to affect the area surpassed severe thresholds producing damaging winds which blew down some trees.

BENTON COUNTY --- 0.5 W URBANA [42.22, -91.88]

07/18/07 17:30 CST	0	Thunderstorm Wind (EG 56 kt)
07/18/07 17:30 CST	0	Source: Trained Spotter

Winds estimated to be 65 mph blew down some trees and damaged some signs.

BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]

07/18/07 17:37 CST	0	Thunderstorm Wind (EG 56 kt)
07/18/07 17:37 CST	0	Source: Emergency Manager

BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]

07/18/07 17:38 CST	0	Thunderstorm Wind (EG 65 kt)
07/18/07 17:38 CST	0	Source: Emergency Manager

Winds estimated to be at least 75 mph.

BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/07 17:41 CST		0	Thunderstorm Wind (EG 70 kt)
	07/18/07 17:41 CST		0	Source: Trained Spotter
Winds estimated to be 80 mph.				
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BENTON COUNTY --- 2.6 WNW CHENEY [42.26, -91.98]				
	07/18/07 17:42 CST		0	Thunderstorm Wind (EG 65 kt)
	07/18/07 17:42 CST		0	Source: Emergency Manager
Winds estimated to be 75 mph flattened some corn fields between Mount Auburn and Urbana.				
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BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]				
	07/18/07 17:43 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 17:43 CST		0	Source: Emergency Manager
Winds estimated to be 65 mph blew down some trees.				
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BENTON COUNTY --- 0.9 NE MT AUBURN [42.26, -92.09]				
	07/18/07 17:44 CST		20K	Thunderstorm Wind (EG 65 kt)
	07/18/07 17:44 CST		0	Source: Emergency Manager
Winds estimated to be 75 mph blew the roof off a hog confinement building, flattened most corn fields just west of town. In addition, a few trees and power lines were blown down in town, as well as numerous tree limbs.				
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BENTON COUNTY --- 0.5 W URBANA [42.22, -91.88]				
	07/18/07 17:45 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/18/07 17:45 CST		0	Source: Emergency Manager
Winds estimated to be 60 mph blew down numerous trees, blew shingles off roofs, and blew newer fences down. Visibility was reduced to zero miles due to very heavy rain.				
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BENTON COUNTY --- 0.7 S SHELLSBURG [42.09, -91.87]				
	07/18/07 17:45 CST		0	Thunderstorm Wind (MG 59 kt)
	07/18/07 17:45 CST		0	Source: Trained Spotter
A wind gust of 68 mph was measured.				
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BENTON COUNTY --- 0.5 W URBANA [42.22, -91.88]				
	07/18/07 17:50 CST		20K	Thunderstorm Wind (EG 61 kt)
	07/18/07 17:50 CST		0	Source: Emergency Manager
Winds estimated to be 70 mph blew down some trees on top of a few houses and vehicles. One house had a hole in its roof from a fallen tree. In addition, a six foot wooden fence was blown down.				
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BUCHANAN COUNTY --- 0.9 SW ROWLEY [42.37, -91.84]				
	07/18/07 18:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:00 CST		0	Source: Law Enforcement
Winds estimated to be 60 mph blew down some trees. Time estimated.				
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LINN COUNTY --- 2.5 SE TROY MILLS [42.26, -91.64]				
	07/18/07 18:00 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 18:00 CST		0	Source: Trained Spotter
Winds estimated to be 65 mph blew down several tree limbs 6-8 inches in diameter. In the area, numerous trees were toppled completely.				
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LINN COUNTY --- ALBURNETT [42.15, -91.62]				
	07/18/07 18:00 CST		25K	Thunderstorm Wind (EG 61 kt)
	07/18/07 18:00 CST		0	Source: Trained Spotter
Winds estimated to be 70 mph blew down several large trees damaging some homes. Time estimated.				

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LINN COUNTY --- CENTRAL CITY [42.20, -91.53]				
	07/18/07 18:00 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/18/07 18:00 CST		0	Source: Trained Spotter
Winds estimated to be 70 mph blew down several large maple trees and power lines. Time estimated.				
LINN COUNTY --- 2.6 ENE WALKER [42.29, -91.78]				
	07/18/07 18:02 CST		0	Thunderstorm Wind (EG 61 kt)
	07/18/07 18:02 CST		0	Source: Emergency Manager
LINN COUNTY --- 1.0 W PARIS [42.23, -91.60]				
	07/18/07 18:15 CST		50K	Tornado (EF1, L: 1.20 mi , W: 100 yd)
	07/18/07 18:17 CST		0	Source: NWS Storm Survey
A tornado briefly touched down just west of Paris, IA, or about 14.5 miles north of Cedar Rapids, IA around 7:15 PM on July 18th. It destroyed a farm shed completely, ripped part of a roof off of another farm shed, and damaged several trees and crops in the area.				
LINN COUNTY --- MT VERNON [41.92, -91.42]				
	07/18/07 18:20 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:20 CST		0	Source: Fire Department/Rescue
LINN COUNTY --- 0.5 E CENTRAL CITY [42.20, -91.52]				
	07/18/07 18:25 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 18:25 CST		0	Source: Emergency Manager
Winds estimated to be 65 mph blew down some trees across streets making them impassible.				
JOHNSON COUNTY --- 0.9 NW TIFFIN [41.71, -91.68]				
	07/18/07 18:30 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 18:30 CST		0	Source: Law Enforcement
Winds estimated to be 65 mph blew down some trees on Ireland and James Ave. Time estimated.				
JONES COUNTY --- 3.4 WSW LANGWORTHY [42.18, -91.29]				
	07/18/07 18:37 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/18/07 18:37 CST		0	Source: Emergency Manager
Winds estimated to be 70 mph blew down some trees and power poles and flattened some crops.				
CEDAR COUNTY --- ROCHESTER [41.67, -91.17]				
	07/18/07 18:40 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:40 CST		0	Source: Law Enforcement
Winds estimated to be 60 mph blew down some power lines.				
CEDAR COUNTY --- 0.9 NE BENNETT [41.74, -90.97]				
	07/18/07 18:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:50 CST		0	Source: Law Enforcement
Winds estimated to be 60 mph blew down a tree. Time estimated.				
CEDAR COUNTY --- 2.8 S LIME CITY [41.61, -91.08]				
	07/18/07 18:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:50 CST		0	Source: Emergency Manager
Winds estimated to be 60 mph blew down a tree.				
CLINTON COUNTY --- 0.5 E WHEATLAND [41.83, -90.84]				
	07/18/07 18:55 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:55 CST		0	Source: Fire Department/Rescue

Storm Data and Unusual Weather Phenomena - July 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Winds estimated to be 60 mph blew down a tree on a power line.				
JONES COUNTY --- 0.7 S ANAMOSA [42.11, -91.28]				
	07/18/07 18:55 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/07 18:55 CST		0	Source: Emergency Manager
Winds estimated to be 60 mph blew down a tree.				
JACKSON COUNTY --- 0.5 E GREEN IS [42.15, -90.32]				
	07/18/07 19:00 CST		5K	Flash Flood (due to Heavy Rain)
	07/18/07 21:00 CST		0	Source: Department of Highways
Torrential rains have resulted in several wash-outs on gravel roads across the eastern part of Jackson County. In addition, trees fell over due to saturated soils and sloped areas eroded. Time estimated.				
CLINTON COUNTY --- DEWITT [41.82, -90.55]				
	07/18/07 19:10 CST		2K	Thunderstorm Wind (EG 52 kt)
	07/18/07 19:10 CST		0	Source: Fire Department/Rescue
Winds estimated to be 60 mph blew down some power lines on the northwest side of De Witt.				
SCOTT COUNTY --- 0.9 SW MAYSVILLE STENDER AR [41.66, -90.74]				
	07/18/07 19:14 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 19:14 CST		0	Source: Law Enforcement
Winds estimated to be 65 mph blew down some trees on 120th Ave near Donahue.				
SCOTT COUNTY --- 2.3 NNW DAVENPORT [41.56, -90.60]				
	07/18/07 19:14 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 19:14 CST		0	Source: Law Enforcement
Winds estimated to be 65 mph blew down some trees on Utica Ridge Rd. south of 210th St.				
SCOTT COUNTY --- 3.0 NNW DAVENPORT [41.57, -90.60]				
	07/18/07 19:15 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/07 19:15 CST		0	Source: NWS Employee
Winds estimated to be 65 mph blew down a tree on County Road F55 just west of Jersey Ridge Rd. Time estimated.				
JOHNSON COUNTY --- 5.0 S OXFORD [41.60, -91.83]				
	07/19/07 01:00 CST		5K	Lightning
	07/19/07 01:00 CST		0	Source: Newspaper
Lightning struck a home on Iwv Rd SW south of Oxford, IA around 2 AM causing a fire. The homeowner was able to extinguish most of the fire. Minor fire and smoke damage was reported. Time estimated.				
Heavy rain-producing showers and thunderstorms moved across eastern Iowa and northwest Illinois during the evening and overnight hours of July 18th. A bowing segment of thunderstorms pushed east southeast across areas from just south of Waterloo, IA to the Quad Cities producing widespread wind damage, torrential rainfall, and an isolated tornado near Paris, IA. Rainfall totals ranged between three quarters of an inch to just under 3 inches, but due to saturated soils some flooding problems developed.				